

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Russel Hill *et al.*

Serial No.: 10/762,762

Filed: January 22, 2004

For: SACRIFICIAL AGENTS FOR FLY ASH  
CONCRETE

Group Art Unit: 1755

Examiner: Unknown

Atty. Dkt. No.: KEGB:004US

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

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MS AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

October 1, 2004

Date

Mark B. Wilson

**INFORMATION DISCLOSURE STATEMENT**

**MS AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

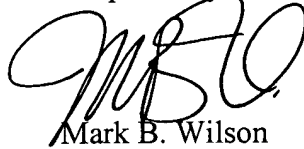
In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/KEGB:004US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Mark B. Wilson

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Date: October 1, 2004

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.  
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1755U.S. Patent Documents  
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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	4,257,815	3/24/81	Hauser	106	98	7/13/79
	A2	4,453,978	6/12/84	Okimura <i>et al.</i>	106	88	9/13/82
	A3	4,547,223	10/15/85	Goto <i>et al.</i>	106	90	3/02/81
	A4	5,110,362	5/05/92	Hoatry <i>et al.</i>	106	708	3/21/90
	A5	5,326,396	7/05/94	Abdelrazig <i>et al.</i>	106	808	7/29/93
	A6	5,326,397	7/05/94	Abdelrazig <i>et al.</i>	106	808	7/29/93
	A7	5,389,143	2/14/95	Abdelrazig and Scheiner	106	696	7/29/93
	A8	5,556,460	9/17/96	Berke <i>et al.</i>	106	823	9/18/95
	A9	5,603,760	2/18/97	Berke <i>et al.</i>	106	802	9/18/95
	A10	5,604,273	2/18/97	Kerkar and Gilbert	524	4	9/18/95
	A11	5,622,558	4/22/97	Berke and Dallaire	406	802	9/18/95
	A12	5,654,352	8/05/97	MacDonald	524	18	5/16/95
	A13	5,938,835	8/17/99	Shawl and Kesling, Jr.	106	724	10/15/97
	A14	6,136,089	10/24/00	Hurt <i>et al.</i>	106	705	8/31/98
	A15	6,166,119	12/26/00	Matsuo <i>et al.</i>	524	376	11/28/99
	A16	6,599,358	7/29/03	Boggs	106	705	3/13/01
	A17	6,626,663	9/30/03	Zhu	432	120	8/16/02
	A18	6,670,415	12/30/03	Jardine <i>et al.</i>	524	445	11/06/01
	A19	6,712,900	3/30/04	Wombacher <i>et al.</i>	106	823	4/25/02
	A20	2004/0129180	7/08/04	Boggs	106	705	7/28/03

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EXAMINER:

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Form PTO-1449 (modified)

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U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	DE 19528912	2/15/96	Germany			Abstract
	B2	JP 05024900	2/02/93	Japan			Abstract
	B3	JP 08337449	12/24/96	Japan			Abstract
	B4	JP 2002234763	8/23/02	Japan			Abstract
	B5	WO 85/01500	4/11/85	PCT			English

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	"Air entraining agent for concrete-comprises an anionic surfactant and a glycol ether," Section Ch, Week 198117, Derwent Publications Ltd., London, GB, 1981.
	C2	Berke <i>et al.</i> , "Improving concrete performance with shrinkage-reducing admixtures," <i>ACI</i> , SP-217-3, 2003.
	C3	Ribeiro <i>et al.</i> , "Effectiveness of shrinkage-reducing admixtures on different concrete mixtures," <i>ACI</i> , SP-217, 2003.
	C4	Roncero <i>et al.</i> , "Evaluation of the influence of a shrinkage reducing admixture on the microstructure and long-term behavior of concrete," <i>Proc. Seventh CANMET/ACI Intl. Conf. on Superplasticizers and Other Chemical Admixtures in Concrete (Berlin)</i> , Supplementary papers, 207-226, 2003.
	C5	Shoya <i>et al.</i> , "Improvement of drying shrinkage and shrinkage cracking of concrete by special surfactants," <i>Proceedings of the International RILEM Symposium</i> , May 14-17, 484-495, 1990.

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